



# LHX4 Polyclonal Antibody

<b>Catalog No</b>	BYab-05691
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	LHX4
<b>Protein Name</b>	LIM/homeobox protein Lhx4 (LIM homeobox protein 4)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 160-240
<b>Specificity</b>	LHX4 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	42kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Muscle,Placenta,
<b>Function</b>	disease:A chromosomal aberration involving LHX4 may be a cause of acute lymphoblastic leukemia. Translocation t(1;14)(q25;q32) with IGHG1.,disease:Defects in LHX4 are the cause of Machinis syndrome [MIM:606606]. It is characterized by short stature, pituitary and cerebellar defects, and small sella turcica.,function:May play a critical role in the development of respiratory control mechanisms and in the normal growth and maturation of the lung.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 LIM zinc-binding domain.,similarity:Contains 2 LIM zinc-binding domains.,
<b>Background</b>	This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor involved in the control of differentiation and development of the

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pituitary gland. Mutations in this gene cause combined pituitary hormone deficiency 4. [provided by RefSeq, Dec 2010],

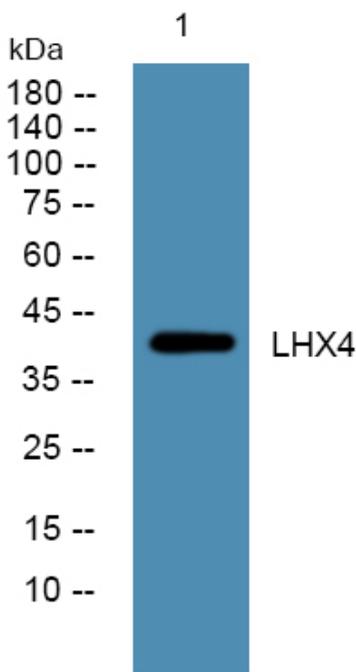
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night